

Appl. No. 10/776,839
Docket No. CM2725MQ
Amdt. dated July 19, 2006
Reply to Office Action mailed on June 30, 2006
Customer No. 27752

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An absorbent core useful for an absorbent article comprising a substrate layer, said substrate layer comprising a first surface and a second surface, said absorbent core further comprising a discontinuous layer of absorbent material, said absorbent material comprising an absorbent polymer material, said absorbent material optionally comprising an absorbent fibrous material and said absorbent fibrous material not representing more than about 20 weight percent of the total weight of the absorbent polymer material, said discontinuous layer of absorbent material comprising a first surface and a second surface, said absorbent core further comprising a layer of thermoplastic material, said layer of thermoplastic material comprising a first surface and a second surface wherein said second surface of said discontinuous layer of absorbent material is in at least partial contact with said first surface of said substrate layer and wherein portions of said second surface of said layer of thermoplastic material are in direct contact with said first surface of said substrate layer and portions of said second surface of the said layer of thermoplastic material are in direct contact with said first surface of said discontinuous layer of absorbent material.
2. (Original) An absorbent core according to claim 1, wherein said thermoplastic material is a hot melt adhesive.
3. (Original) An absorbent core according to claim 2, wherein said thermoplastic material is fibroured.

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4. (Original) An absorbent core according to claim 1, wherein said layer of thermoplastic material comprises a net-like structure.
5. (Original) An absorbent core according to claim 1, wherein said absorbent polymer material comprises an absorbent polymer particle.
6. (Original) An absorbent core according to claim 1, wherein said absorbent polymer material is present throughout the area of said absorbent core in a basis weight of at least about 100 g/m².
7. (Original) An absorbent core according to claim 1, comprising at least two substrate layers.
8. (Original) An absorbent core according to claim 7, wherein at least one of said substrate layers comprises a permanently hydrophilic non-woven having a surface tension of at least about 55 mN/m when being wetted with saline solution and having a liquid strike through time of less than about 5 s for a fifth gush of liquid.
9. (Original) An absorbent core according to claim 1, comprising at least one substrate layer and at least one cover layer.
10. (Original) An absorbent core according to claims 9, wherein at least one of said substrate layers or at least one of said cover layers comprises a permanently hydrophilic non-woven having a surface tension of at least about 55 mN/m when being wetted with saline solution and having a liquid strike through time of less than about 5 s for a fifth gush of liquid.
- 11-17 (Cancelled)